FIG.1

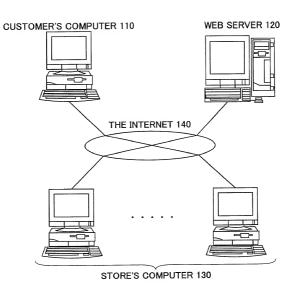
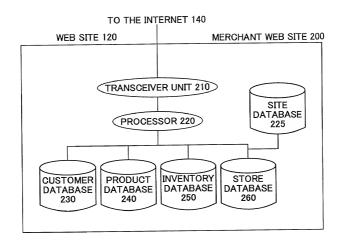
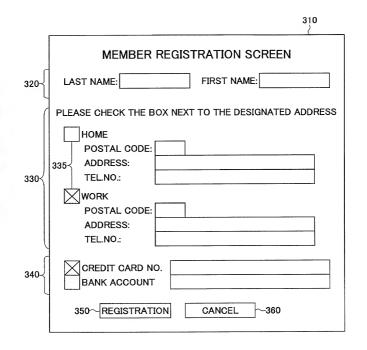


FIG.2



#### FIG.3A



0

# FIG.3B

# ITEM DATABASE

| ISBN                   | TITLE   | AUTHOR           | PUBLISHER | PUBLISHER DATE OF ISSUE PRICE | PRICE         |
|------------------------|---|------------------|-----------|-------------------------------|---------------|
| xxxx,xxxx,xxxx         | xxxx′xxxx′xxxx A LOST PARADISE WATANABE JUNICHI KODANSHA APRIL 1999 | WATANABE JUNICHI | KODANSHA  | APRIL 1999                    | ¥2,000        |
| yyyy'yyyy 12th EDITION | OUTLINE OF PATENT LAW YOSHIFUJI KOSAKU YUHIKAKU DECEMBER 1998       | YOSHIFUJI KOSAKU | YUHIKAKU  | DECEMBER 1998                 | 000′8 <b></b> |
|                        |   |                  | :         | •                             |               |

#### FIG.3C

#### **INVENTORY DATABASE**

#### STORE A

| ISBN           | NO. IN STOCK |
|----------------|--------------|
| xxxx-xxxx-xxxx | 10           |
|                |              |

#### STORE B

| ISBN           | NO. IN STOCK |
|----------------|--------------|
| ZZZZ-ZZZZ-ZZZZ | 2            |
|                |              |

## FIG.3D

STORE DATABASE

| STORE NAME ZIP CODE ADDRESS | ZIP CODE | ADDRESS                        | TEL.NO.      | HOURS   | MAP   LATITUDE A    | LATITUDE AND LONGITUDE |
|-----------------------------|----------|--------------------------------|--------------|---|---------------------|------------------------|
| "A" BOOKSTORE               | 100-0019 | KAWASAKI-SHI,<br>S-KU OO 1-2-3 | 044-222-3333 | "A" BOOKSTORE 100-0019 KAWASAKI-SHI, 944-222-3333 CLOSED MONDAYS bmp  | bookstore_a.<br>bmp | XX.XX<br>XX.XX         |
| "X" BOOKSTORE               | 180-0023 | TOKYO, MINATO-KU<br>O × 2-2-2  | 03-3333-1111 | "X" BOOKSTORE $180-0023$ $\frac{\text{TOKYO, MINATO-KU}}{\text{O} \times 2^{-}2^{-}}$ 03-3333-1111 OPEN YEAR-ROUND $\frac{\text{book}}{\text{bmp}}$ | bookstore_x.<br>bmp | XX.XX<br>XX.XX         |
| :                           | :        |                                | •            |   |                     |                        |

| TITLE SEARCH                                |
|---|
| INPUT SEARCH TERMS                          |
| AUTHOR WATANABE JUNICHI and V               |
| TITLE $igtriangledown$ and $igtriangledown$ |
| PUBLISHER                                   |
| 420 430                                     |
| DISPLAY NUMBER 10 \rightarrow \square{450}  |
| 460~ SEARCH CLEAR ~470                      |

# SEARCH RESULTS SOREEN

| TTLE              | AUTHOR   | PUBLISHER [   | PUBLISHER DATE OF ISSUE PRICE   | PRICE    |
|-------------------|--|---|---|----------|
| ように・贅を尽くす         | WATANABE JUNICHI   | KODANSHA  | APRIL 1999  | ¥2,000   |
| A LOST PARADISE   | WATANABE JUNICHI   | KODANSHA  | APRIL 1999  | ¥2,000   |
| 失楽園 下             | WATANABE JUNICHI   | KODANSHA  | APRIL 1999  | ¥2,000   |
| 失楽園 上             | WATANABE JUNICHI   | KODANSHA  | APRIL 1999  | ¥2,000   |
| ように・不況にきく薬        | WATANABE JUNICHI   | KODANSHA  | APRIL 1999  | ¥2,000   |
| のように・贅を尽くす        | WATANABE JUNICHI   | KODANSHA  | APRIL 1999  | ¥2,000   |
| 類 A LOST PARADISE | WATANABE JUNICHI   | KODANSHA  | APRIL 1999  | ¥2,000   |
| 失楽園 下             | WATANABE JUNICHI   | KODANSHA  | APRIL 1999  | ¥2,000   |
| 失楽園 上             | WATANABE JUNICHI   | KODANSHA  | APRIL 1999  | ¥2,000   |
| ように・不況にきく薬        | WATANABE JUNICHI   | KODANSHA  | APRIL 1999  | ¥2,000   |
|                   | 風のように・養を尽くす<br><u>快楽園 A LOST PARADISE</u><br><u>失楽園 下</u><br><u>快楽園 上</u><br>風のように・ 花沢にきく薬<br>風のように・ 養を尽くす<br>長楽園 A LOST PARADISE<br>大楽園 下<br>大楽園 下<br>大楽園 下 | 展のように・養を尽くす WATANABE JUNICHI 会楽園 A LOST PARADISE WATANABE JUNICHI 会楽園 正 WATANABE JUNICHI 会楽園 上 WATANABE JUNICHI 画のように・不況にきく薬 WATANABE JUNICHI 会楽園 A LOST PARADISE WATANABE JUNICHI 大楽園 五 WATANABE JUNICHI 大楽園 五 WATANABE JUNICHI 大楽園 正 WATANABE JUNICHI 大楽園 正 WATANABE JUNICHI 大楽園 正 WATANABE JUNICHI 世界地 アルバスティルによる 大楽園 正 WATANABE JUNICHI 国のように・不況にきく薬 WATANABE JUNICHI 国のように・不況にきく薬 WATANABE JUNICHI 国のように・不況にきく薬 WATANABE JUNICHI | を尽くす WATANABE JUNICHI PARADISE WATANABE JUNICHI 正 WATANABE JUNICHI 法定表文文 WATANABE JUNICHI PARADISE WATANABE JUNICHI PARADISE WATANABE JUNICHI 正 WATANABE JUNICHI UNICHI 正 WATANABE JUNICHI UNICHI UN | <u> </u> |

# INVENTORY INFORMATION SCREEN

# TITLE ×××××

| PLACE<br>HOLD | PLACE NAME OF STORE<br>HOLD (620) | ACCESS<br>(630)                                   | STORE HOURS<br>(640)  | INVENTORY<br>(650) |
|---------------|-----------------------------------|---|---|--------------------|
|               | A STORE                           | KAWASAKI-SHI,S-KUOO1-2-3<br>Phone:044-222-3333    | 10:00AM-9:00PM<br>CLOSED MONDAYS  | 5                  |
|               | B STORE                           | KAWASAKI-SHI,X-KU × O3-2-1<br>Phone:044-111-1111  | 10:00AM-10:00PM<br>OPEN YEAR ROUND  | 10                 |
|               | CSTORE                            | YOKOHAMA-SHI,T-KU × × 5-2-1<br>Phone:045-222-2222 | 9:00AM-8:00PM<br>CLOSED TUESDAYS  | 0                  |
|               | D STORE                           | KAWASAKI-SHI,Z-KU∆ O3-5-4<br>Phone:044-333-1111   | 9:30AM-8:30PM<br>CLOSED WEDNESDAYS  | င                  |
|               | E STORE                           | KAWASAKI-SHI,Y-KUO × 2-5-14<br>Phone:044-111-1212 | KAWASAKI-SHI,Y-KUO × 2-5-14 9:00AM-9:00PM<br>Phone:044-111-1212<br>OF EVERY MONTH | 20                 |

## FIG.7A

|            | STORE HOURS INVENTORY | 10:00AM-9:00PM<br>CLOSED MONDAYS               | 10:00AM-10:00PM<br>OPEN YEAR ROUND               | 9:00AM-8:00PM<br>CLOSED TUESDAYS 0               | 9:30AM-8:30PM<br>CLOSED WEDNESDAYS                    | 9:00AM-9:00PM<br>CLOSED THE FIRST WEDNESDAY 20<br>SEEVEDY MONTH                |
|------------|-----------------------|--|--|--|---|--|
|            | ACCESS                | KAWASAKI-SHI,S-KUOO1-2-3<br>Phone:044-222-3333 | KAWASAKI-SHI,X-KU × O3-2-1<br>Phone:044-111-1111 | YOKOHAMA-SHI,T-KU × × 5-2-1<br>Phone:045-222-222 | KAWASAKI-SHI,Z-KUAO3-5-4 9:3<br>Phone:044-333-1111 CL | KAWASAKI-SHI,Y-KUO × 2–5–14 9:00AM-9:00PM<br>Phone:044-111-1212 OE EXCEY MANTH |
| TTLE ××××× | NAME OF STORE         | A STORE  | B STORE  | C STORE  |   |  |
| TITLE      | PLACE                 | ☐<br>₹_  | \(\frac{1}{4}\)                                  | 710  |   | □<br>ૐ   |

# FIG.7B

# VARIATION (SORT) OF INVENTORY DISPLAY

# TITLE ×××××

| PLACE<br>HOLD | STORE NAME | CONTACT INFORMATION                               | STORE HOURS  | INVENTORY |
|---------------|------------|---|--|-----------|
|               | B STORE    | KAWASAKI-SHI,X-KU × O3-2-1<br>Phone:044-111-1111  | 10:00AM-10:00PM<br>OPEN YEAR ROUND   | 10        |
|               | ESTORE     | KAWASAKI-SHI,Y-KUO × 2-5-14<br>Phone:044-111-1212 | KAWASAKI-SHI,Y-KUO × 2-5-14 8:00AM-9:00PM<br>Phone:044-111-1212 OF EVERY MONTH | 20        |
|               | A STORE    | KAWASAKI-SHI,S-KUOO1-2-3<br>Phone:044-222-3333    | 10:00AM-9:00PM<br>CLOSED MONDAYS   | 2         |
|               | D STORE    | KAWASAKI-SHI,Z-KU∆O3-5-4<br>Phone:044-333-1111    | 9:30AM-8:30PM<br>CLOSED WEDNESDAYS   | က         |
|               | C STORE    | YOKOHAMA-SHI,T-KU × ×5-2-1<br>Phone:045-222-222   | 9:00AM-8:00PM<br>CLOSED TUESDAYS   | 0         |

FIG.8

#### WEB SERVER OPERATIONS FLOW CHART

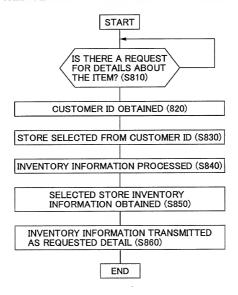
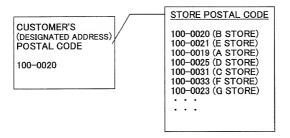


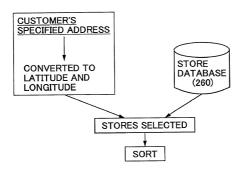
FIG.9



| CITY     | NEAREST<br>LOCATION | NEAREST<br>LOCATION | NEAREST<br>LOCATION |
|----------|---------------------|---------------------|---------------------|
| KAWASAKI | YOKOHAMA-SHI,T-KU   | YOKOHAMA-SHI,M-KU   |                     |
| YOKOHAMA | KAWASAKI-SHI,Z-KU   | KAWASAKI-SHI,Y-KU   | KAWASAKI-SHI,S-KU   |
|          |                     |                     |                     |

A A C A A

FIG.11



# CONTENTS OF A SHOPPING CART

| LIST OF BOOKS IN THE CART  | RECALCULATE                  | OK | <u> </u> | BACK |
|--|------------------------------|----|----------|------|
| *UNCHECK BOOKS YOU DO NOT WANT *YOU CAN REVISE THE NUMBER OF COPIES YOU WANT TO ORDER *YOU CHAYE REVISED THE QUARMITY, PRESS THE "RECALCULATE" BUTTON. **WHEN YOUR SUMMIL BE RECALCULATED. **WHEN YOUR ORDER IS COMPLET PRESS THE "OK" BUTTON. **WHEN YOUR ORDER IS COMPLET PRESS THE "OK" BUTTON. | ER.<br>CULATE" BUTTON.<br>N. |    |          |      |

| TOTAL                                  | ¥1,904                                       | ¥3,808                                       | ¥288                        | ¥350               | #300            | ±6,350 |
|--|--|--|-----------------------------|--------------------|-----------------|--------|
| QUANTITY                               | -  | 2  |                             |                    |                 | 3      |
| PRICE                                  | ¥1,904                                       | ¥1,904                                       | CONSUMPTION<br>TAX          | DELIVERY<br>CHARGE | HANDLING<br>FEE | TOTAL  |
| METHOD OF                              | BANK DEBIT                                   | BANK DEBIT POSTAL MONEY ORDER                | CREDIT CARD CONSUMPTION TAX |                    |                 |        |
| METHOD OF HOLD PLACED PICK-UP AT STORE | STORE $\nabla$                               | STORE $\nabla$                               |                             |                    |                 |        |
| METHOD OF<br>PICK-UP                   | D  | зтоке но∟р ∇                                 |                             |                    |                 |        |
| TITLE                                  | A LOST PARADISE- I WATANABE JUNICHI KODANSHA | A LOST PARADISE-II WATANABE JUNICHI KODANSHA |                             |                    |                 |        |

**FIG.13** 

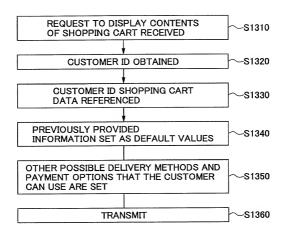


FIG.14

